

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L4	14	("3761837"   "3949315"   "4057321").PN. OR ("4162460").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/09 09:24
L5	405	(359/344).CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/05/09 10:09
L6	2	I5 and "lasing structure".clm.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/05/09 10:09
S1	397	(359/344).CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/12/02 12:18
S2	340	S1 and @ad<"20030820"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/12/02 12:19
S3	136	S2 and (photodetector or photodiode or detector)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/12/02 12:32
S4	0	S3 and 'detector integrated on substrate'	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/12/02 12:32
S5	0	S3 and 'photodiode integrated on substrate'	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/12/02 12:32
S6	27	S3 and ((photodiode or photodetector or detector) same substrate)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/12/02 12:32
S7	9	("4618212"   "4996420"   "5134671"   "5245690"   "5309469"   "5414554"   "5608572"   "6052222"   "6243525").PN. OR ("6556344").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/05 13:28
S8	4	("4954786").PN. OR ("5309469").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/05 13:30
S9	3	(lee.in. or oh.in. or hwang.in.) and horizontal.clm. and substrate.clm. and 'semiconductor optical amplifier'.clm.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/12/05 13:38
S10	1	"20050041280"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/12/05 13:54
S11	16	("4162460"   "4736164"   "4886334"   "4947134").PN. OR ("5414554").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/05 14:17

## EAST Search History

S12	14	("3761837"   "3949315"   "4057321"). PN. OR ("4162460").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/05 14:26
S13	12	("5414554").URPN.	USPAT	OR	ON	2005/12/05 14:27